

## Abstract

The diploma thesis titled *Transformation of Journalistic Practices Relating to Advent of Data Journalism* concerns the current situation in Czech data journalism and its development. It examines how the newsroom, the journalists and the readers cope with new technology, big data and the related advent of data journalism. The theoretical part of the text explains the relationship between classical journalism and data-driven journalism and compares the so-called "narrative" and "interactive" approaches as forms of data-driven journalism. Further it gives a deeper understanding of the relation between data journalism and the new concept of objectivity and it deals with the cultural, social and technical preconditions of data journalism. The thesis also describes the historical aspects of the topic comparing computer-assisted reporting to current practice. Subsequent chapters deal with the visualizations, infographics, amateur data journalism and open data which all play a key role in data-driven journalism. The practical part introduces the Czech data team. It was originally established within the publishing house *Economia* and then moved to the office of *Czech Radio (Český rozhlas)*. The final parts discuss the cooperation model of the Czech data team, the use of visualization in their projects, dealing with the concept of objectivity and how the team copes with speed in production and perception of information in the modern, interconnected society.